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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/772,024	02/04/2004	Adrian Buckley	555255012698	5338

44208 7590 03/21/2007	EXAMINER	
DOCKET CLERK	SHARMA, SUJATHA R	
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SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	03/21/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

PTOL-90A (Rev. 10/06)

	Application No.	Applicant(s)
Office Action Summary	10/772,024	BUCKLEY, ADRIAN
	Examiner	Art Unit	
	Sujatha Sharma	2618	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _04 February 2004_.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-20_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-20_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _2/4/04_.

4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2.   Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Raith [WO 98/48577].

Regarding claim 1, Raith discloses a system and method for identifying emergency calls in

communication network. Raith further discloses a method comprising:

-      a network-positioned code-delivery detector adapted to receive a network-part identifier

    code that identifies at least the selected service center of the at least the first service

    center, said network-positioned code-delivery detector for detecting values of each

    network-part identifier code received thereat. See page 5, lines 26-29, page 6, lines 8-25,

    page 9, lines 6- page. 10, line 15 and Fig. 5. Here the adjunct unit acts as the network-

    positioned code-delivery detector, which detects the emergency code and directs the call

    to the appropriate emergency service center.

-      an identifier-code broadcast scheduler coupled to said network-positioned code-delivery

    detector to receive indications of the values detected thereat, said identifier-code

    broadcast scheduler for scheduling at least a selected broadcast of the values throughout

    at least a portion of an area encompassed by the network part. See page 6, lines 9-19

Regarding claim 2, Raith discloses a method wherein said network-positioned code-delivery

detector is embodied at the network part through which the call to the selected service center is routable. See page 9, lines 6- page. 10, line 15 and Fig. 5. Here the adjunct unit acts as the network-positioned code-delivery detector, which detects the emergency code and directs the call to the appropriate emergency service center.

Regarding claim 3, Raith discloses a method wherein said identifier-code broadcast scheduler is further embodied at the network part through which the call to the selected service center is routable. See page 6, lines 9-19 and page 9, lines 6- page 10, line 15 and Fig. 5. Here the adjunct unit acts as the network-positioned code-delivery detector, which detects the emergency code and directs the call to the appropriate emergency service center.

Regarding claim 4, Raith discloses a method wherein the radio communication system operates pursuant to an operating specification that defines a cell broadcast center and wherein said network-positioned code-delivery detector and said identifier-code broadcast scheduler are embodied at the cell broadcast center. See page 6, lines 9-19 and page 9, lines 6- page 10, line 15 and Fig. 5. Here the broadcast unit to broadcast the local emergency number is in operator's system and so also the adjunct unit to detect the emergency code and route the call appropriately to the emergency center.

Regarding claim 5, Raith discloses a method wherein the operating specification pursuant to which the radio communication system operates comprises a GSM (Global System for

Mobile communications) operating specification and wherein the cell broadcast center at which

said network-positioned code-delivery detector and said identifier-code broadcast center are

embodied comprises a GSM cell broadcast center. See page 3, lines 17-28

Regarding claim 6, Raith discloses a method further comprising:

a computer-network-positioned retriever for retrieving the network-part identifier code that

identifies at least the selected service center and for providing values thereof to said network-

positioned code-delivery detector. See page 6, lines 9-19 and page 9, lines 6- page 10, line 15

and Fig. 5. Here the adjunct unit acts as the network-positioned code-delivery detector, which

detects the emergency code and directs the call to the appropriate emergency service center.

Regarding claims 7,8 Raith discloses a method further comprising a data base element at which

the values of the network-part identifier code that identifies at least the selected service

center is stored and wherein said retriever retrieves the network-part identifier code by

accessing the values stored at said data base element. See page 10, lines 3-15

Regarding claim 9, Raith discloses a method wherein the network-part further comprises at

least a first base transceiver station and a base station controller, and wherein said

identifier-code broadcast scheduler provides indicia of the scheduling scheduled thereat to

the base station controller to cause effectuation of the at least the selected broadcast of the

values throughout the at least the portion of the area encompassed by the network part. See page

6, lines 9-19 and page 9, lines 6- page 10, line 15 and Fig. 5. Here the broadcast unit to broadcast

the local emergency number is in operator's system and so also the adjunct unit to detect the

emergency code and route the call appropriately to the emergency center.

Regarding claim 11, Raith discloses a method wherein the radio communication system operates

pursuant to an operating specification that defines a cell broadcast channel and wherein the at

least the selected broadcast scheduled by said scheduler is caused to be broadcast upon the cell

broadcast channel. See page 6, lines 13-15.

Regarding claim 12, Raith discloses a method further comprising a mobile node-positioned code-

broadcast detector for detecting values of the at least the selected broadcast caused to be

broadcast responsive to the scheduling scheduled by said identifier-code broadcast scheduler.

See page 5, lines 26-29, page 6, lines 8-25, page 9, lines 6- page. 10, line 15 and Fig. 5.

Regarding claim 13, Raith discloses a method further comprising an indexer embodied at the

mobile node and coupled to said mobile node-positioned cell-broadcast detector, said indexer

for indexing values of the network part identifier code detected by said mobile node-positioned

code-broadcast detector together with values of at least a first mobile-node identifier code. See

page 7, line 27 – page 8, line 27.

Regarding claim 14, Raith discloses a method wherein the mobile node further comprises a user

input actuator actuable by a user of the mobile node, wherein said apparatus further comprises a

transposer coupled to the user actuator and to said indexer, said transposer operable responsive to

actuation of the user input actuator with values of a mobile-node identifier for transposing the

values into corresponding values of a network-part identifier code. See page 7, line 27 – page 8,

line 27.

Regarding claim 15, Raith discloses a method comprising:

- maintaining values, at the network-part, of at least a first network-part identifier code

  that identifies at least the selected service center of the at least the first selected service

  center; See page 9, line 11 – page 10, line 15

- scheduling at least a selected broadcast of the values maintained during said operation of

  maintaining throughout at least a portion of an area encompassed by the network part.

  See page 6, lines 8-25, page 7, lines 19-27, page 8, lines 4-27 where the location specific

  emergency code is broadcast in that specific area/country where the mobile is roaming.

Regarding claim 16, Raith discloses a method further comprising the operation of

broadcasting the at least the selected broadcast scheduled during said·operation of scheduling.

See page 6, lines 8-25, page 7, lines 19-27, page 8, lines 4-27.

Regarding claim 17, Raith discloses a method further comprising the operation of detecting,

at the mobile node, the values broadcast during said operation of broadcasting. See page 6, lines

8-25, page 7, lines 19-27, page 8, lines 4-27.

Regarding claim 18, Raith discloses a method further comprising the operation of: indexing, at

the mobile node, at least a first mobile-node identifier code that identifies, at the mobile node,

the at least the first service center, together with a corresponding at least first network-part

identifier code, values of which are detected during said operation of detecting. See page 6, lines

8-25, page 7, lines 19-27, page 8, lines 4-27, See page 9, line 11 – page 10, line 15.

Regarding claim 19, Raith discloses a method further comprising the operations of: entering,

at the mobile node, values of a selected mobile-node identifier code of the at least the first

mobile-node identifier code; and transposing the values into a corresponding network-part

identifier code indexed together therewith. See page 7, line 27 – page 8, line 27.

Regarding claim 19, Raith discloses a method further comprising:

- a mobile node-positioned code-broadcast detector for detecting values of a broadcast to

    the mobile node of at least a first network-part identifier code that identifies the at least

    the first selected service center; See page 9, line 11 – page 10, line 15

- an indexer coupled to said mobile node-positioned code-broadcast detector, said indexer

    for indexing values of the network-part identifier code detected by said mobile node-

    positioned code-broadcast detector together with values of at least a first mobile-node

    identifier code. See page 6, lines 8-25, page 7, lines 19-27, page 8, lines 4-27, See page 9,

    line 11 – page 10, line 15.

Claim Rejections - 35 USC § 103

3.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4.   Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Raith [WO

98/48577] in view of Raith [US 6,625,457] (herein after Raith').

Regarding claim 10, Raith discloses all the limitations as disclosed. However, he does not

specifically disclose a method wherein the at least the selected broadcast scheduled by said

identifier-code broadcast scheduler is scheduled for broadcast at selected intervals.

Raith', in the same field of endeavor, teaches a method wherein the at least the selected

broadcast scheduled by said identifier-code broadcast scheduler is scheduled for broadcast at

selected intervals. See col. 5, lines 15-20, col. 6, lines 25-29 and 62-65

Therefore it would have been obvious to one with ordinary skill in the art at the

time the invention was made to modify Raith by the above teaching of Raith' in order to provide

more accurate location specific information especially the emergency information as the mobile

roams.

Conclusion

5.   The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure.

Lee [6,181,930] discloses a method for automatic setting of area code CDMA mobile telephone system.

Agre [US 5,946,618] discloses a method and apparatus for performing position based call processing in a mobile telephone system using multiple location mapping schemes.

Pande [US 6,519,466] discloses a multi-mode global positioning system for use with wireless networks.

Raith [US 6,115,596] discloses systems and methods for handling emergency calls in hierarchical cell structures.

Kamel [US 6,371,103]	Method and system for overhead system updates.
Bell [US 6,680,998]	Providing private network information during emergency calls
Funk [US 5,226,075]	Method and apparatus for numbering and routing calls through a communication network

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sujatha Sharma whose telephone number is 571-272-7886. The examiner can normally be reached on Mon-Fri 7.30am - 4.00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew D. Anderson can be reached on 571-272-4177. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Sujatha Sharma
March 13, 2007